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SOME WATER WELL RECORDS

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Document is available at the EPA Region 5 Records Center.

Specify Type of Document(s) / Comments:

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

INFORMATION ON WELL LOCATION

NON RESPONSIVE

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
REMARKS:			

INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757
WATER WELL RECORD

NON RESPONSIVE

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

NON RESPONSIVE

NON RESPONSIVE

[illegible]

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
* gravel	95	105	
Temp 53°	PPM	EPM	
Silica	20	-	
Iron	3.5	-	
Calcium	72	3.593	
Magnesium	31	2.549	
Sodium	15	.652	
Potassium	1.6	.041	
Bicarbonate	374	6.129	
Carbonate	60	.333	
Sulphate	10	.208	
Chloride	2.0	.056	
Fluoride	9	.047	
Nitrate	1.4	.023	
PH	8.2		
Color	5		
Dissolved Solids	352		
Residue	328		
Hardness as Ca Mg	306		
REMARKS:			

INSTRUCTIONS

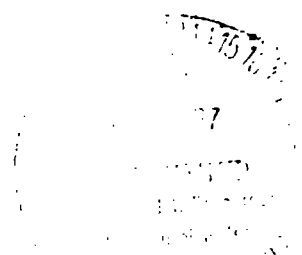
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Callahan

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MEtrose 3-6757
WATER WELL RECORD



NON RESPONSIVE

A large, solid black rectangular box covers the majority of the page, from just below the header to the bottom edge. This indicates that the content has been redacted. The text 'NON RESPONSIVE' is printed in red at the top left of this redacted area.

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
brown clay	0	3	
red gravel	3	14	
blue clay	14	81	
gravel	81	93	
REMARKS:			
9 hrs.			

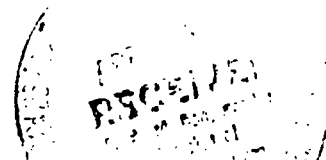
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DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
609 STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757



WATER WELL RECORD

NON RESPONSIVE



FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)

From

To

NON RESPONSIVE

Hard Pan

0

28

Gravel

4/2'

28

40

REMARKS:

INSTRUCTIONS

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77777 103

[illegible]

NON RESPONSIVE

INSTRUCTIONS

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118014. Winnipeg 10-7-66

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

Manchester HH

WATER WELL RECORD

NON RESPONSIVE

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE	
2				NON RESPONSIVE
			NON RESPONSIVE	
REMARKS:				NON RESPONSIVE

INSTRUCTIONS

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I & M
 1954
 11/11/54

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

WATER WELL RECORD

NON RESPONSIVE

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

Manchester HH

WATER WELL RECORD

NON RESPONSIVE

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
2			
REMARKS			

INSTRUCTIONS

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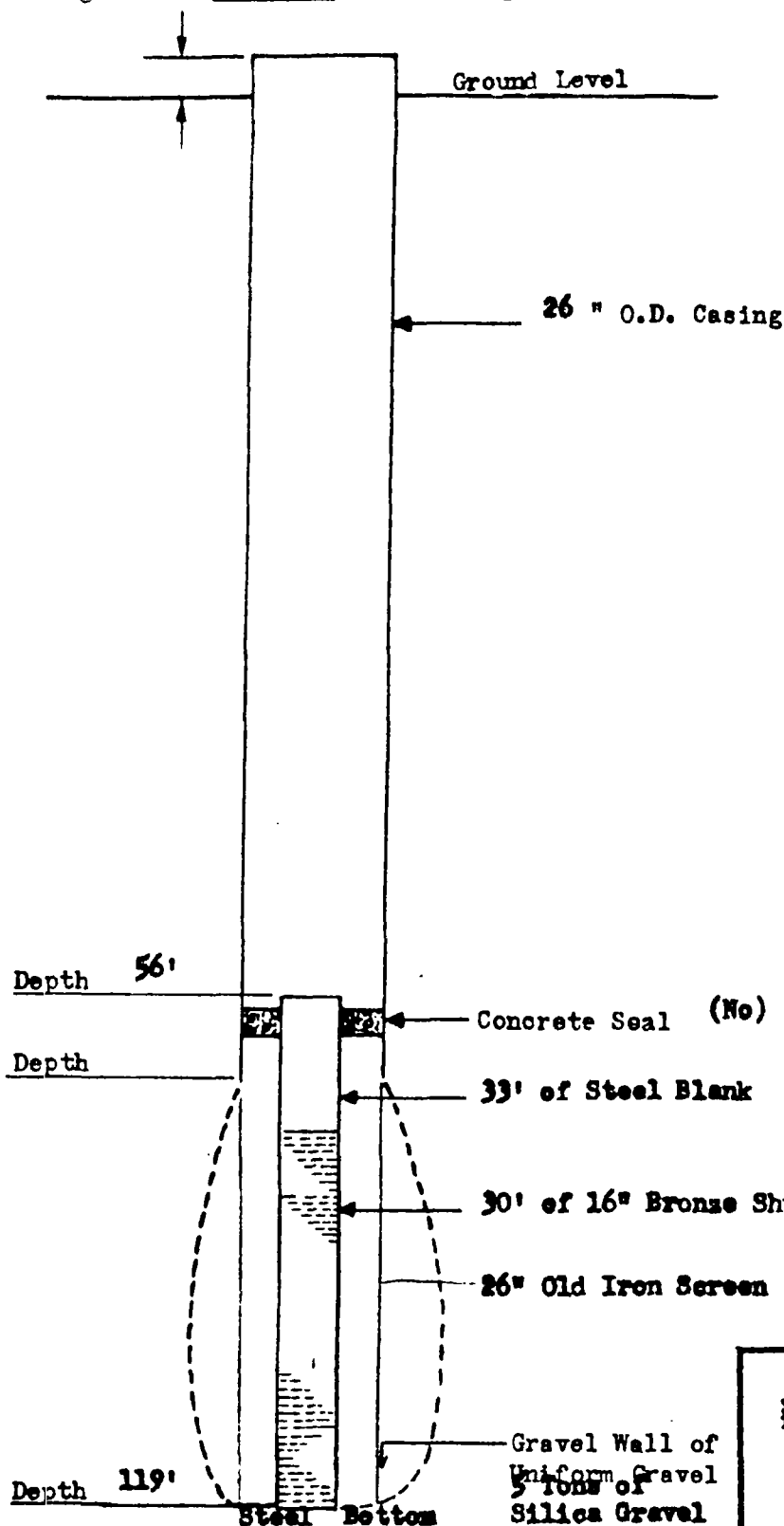
As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water

Handwritten:
JAN 1954
Chambers

Casing extends 1 feet above ground level.

Job No. W-6444

Location:



Driller B. Shouse

Date Finished 12-16-55

Not drawn to Scale
All depths measured
from ground level

Static Level 2

Pumped 1005 GPM
at 34 Pumping Level

Single Cased
~~LAINE~~ GRAVEL WALL WELL No. 2
For
CITY OF NORTH MANCHESTER,
INDIANA

LAYNE NORTHERN CO. INC.
MISHAWAKA, INDIANA

DRAWN BY
APPROVED BY
DATE

DRAWING NO

WATER WELL LOG

[illegible]

DIVISION OF WATER RESOURCES
INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

RECEIVED

WATER WELL RECORD

NON RESPONSIVE

NON RESPONSIVE

NON RESPONSIVE

L. r. l. ca. H.

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WATER WELL LOG

NON RESPONSIVE

ONS (Color, type of material, hardness, etc.) From To

0 13

11 14

*20' 14 15

EMARKS:

INSTRUCTIONS

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Handwritten signature

DIVISION OF WATER
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING
INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD

NON RESPONSIVE

WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
* gravel	95	105	
Temp 53°	PPM	EPM	
Silica	20	-	
Iron	3.5	-	
Calcium	72	3.593	
Magnesium	31	2.549	
Sodium	15	.652	
Potassium	1.6	.041	
Bicarbonate	374	6.129	
Carbonate	60	.333	
Sulphate	10	.208	
Chloride	2.0	.056	
Fluoride	9	.047	
Nitrate	1.4	.023	
PH	8.2		
Color	5		
Dissolved Solids	352		
Residue	328		
Hardness as Ca Mg	306		
REMARKS:			

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Calligan

NON RESPONSIVE

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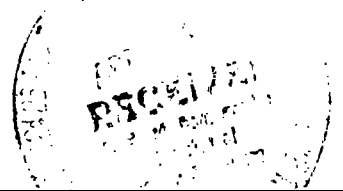
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WATER WELL RECORD

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WATER WELL RECORD



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[illegible]

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INDIANA DEPARTMENT OF CONSERVATION
311 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA

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WATER WELL LOG

[illegible]

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2
a
as
ed
ana

11-11-77 Monmouth, NJ

9827993-00000000

5791

1636

1636

0

SOURCE

NAME

INTAKE LOCATION

LATITUDE

LONGITUDE

DEG. MIN. SEC.

WATER

ONLY ONE

TREATMENT

LABORATORY

3 wells #1, 2 & 3

X X X X X X

NOTES

1. 100' SW of Plant
2. 50' NW of Plant
3. 100' SW of Plant

2	100	000	000
1	080	000	000
7	500	000	000

1000
GAL DAY
2000
GAL DAY
7500
GAL DAY

7	000	000	000
9	000	000	000

4000
GAL DAY
9000
GAL DAY

(1) Plant at 407 E. Main St.

#1 well 50' SW of Plant

#2 well 50' NW of #1

#3 well 100' SW of #2

0.775

2

WATER WELL LOG

[illegible]

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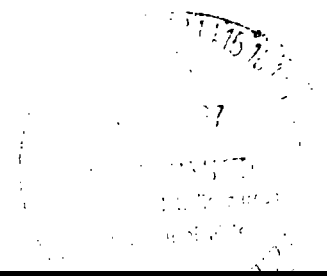
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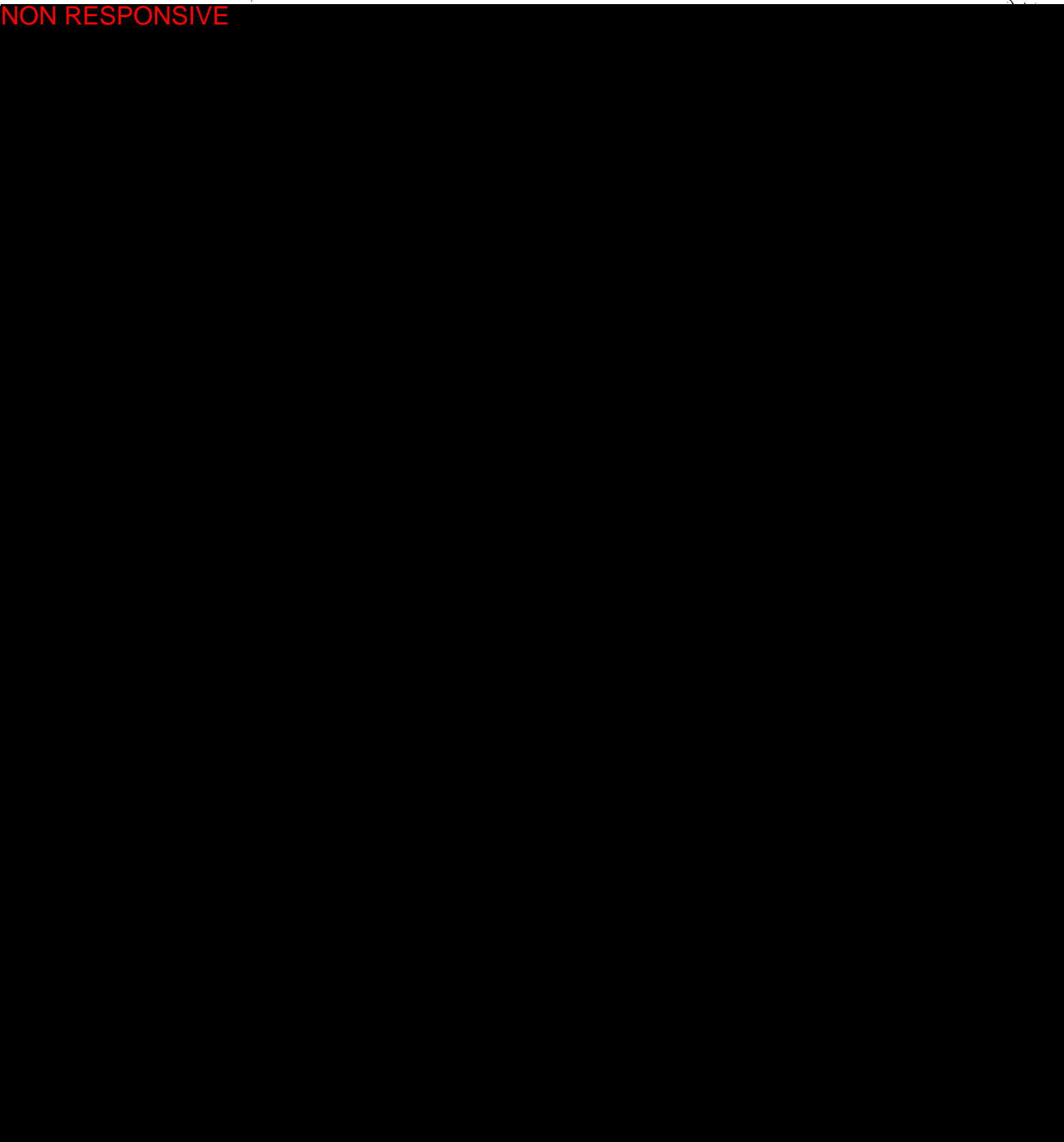
00000000-7-66

DIVISION OF WATER
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INDIANAPOLIS, INDIANA 46209
MElrose 3-6757

WATER WELL RECORD



NON RESPONSIVE



WATER WELL LOG

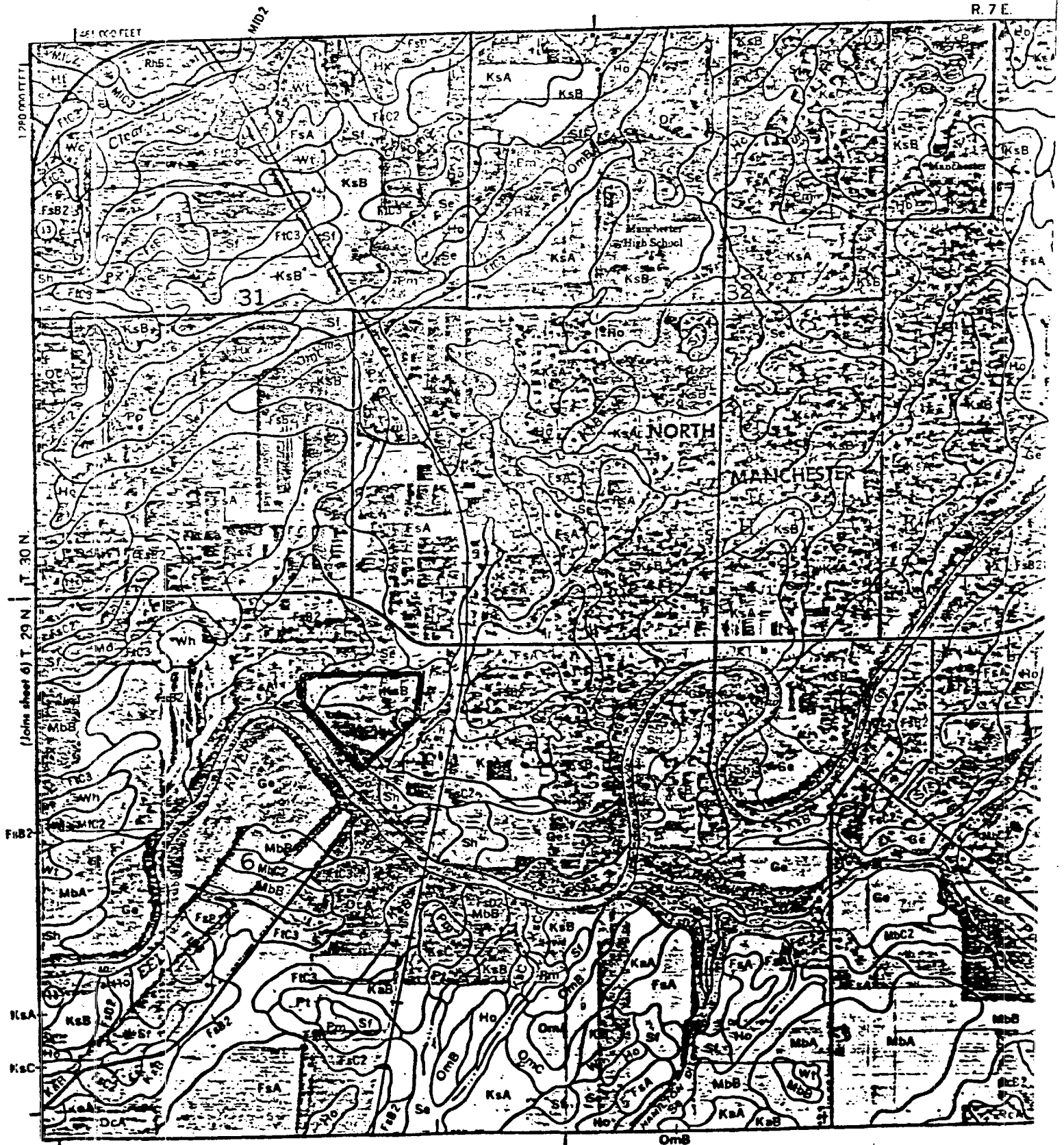
FORMATIONS (Color, type of material, hardness, etc.)	From	To	NON RESPONSIVE
brown clay	0	3	
dark brown clay	3	14	
blue clay	14	61	
gravel 4 1/2'	61	93	
REMARKS: 9 hrs.			

INSTRUCTIONS

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NORTH MANCHESTER FOUNDRY

6-28

Concentration (mg/l)	Arsenic	Barium	Cadmium	Chromium Total	Lead	Mercury	Selenium	Silver	Copper	Iron	Manganese	Phenols	Zinc
Waste	5.0	100.0	1.0	5.0	5.0	0.2	1.0	5.0	NA	NA	NA	NA	
ste													
st Collector	0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
st Collector	0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
Separated	0.006	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
ator Dust	0.008	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
s Steel	0.003	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
Refractory	< 0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	< 0.02	603	8.0	0.10	.2
e of All													
e of core butts sand core													
e core butts ste sand nd core and waste	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-	-
e of system													
Sweeping	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02					

ENCLOSURE A

EP TOXICITY TEST RESULTSNORTH MANCHESTER FOUNDRY
(Continued)

Composite of
- Slag from furnace
- Ladle slag
- Slag waste
 (stainless steel)
- Iron furnace
 refractory
- Stainless steel
 furnace
 refractory

< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02
---------	-------	--------	--------	-------	----------	---------	--------

Composite of
- Pangborn
 separated waste
- Wheelabrator
 separated waste

< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02
---------	-------	--------	--------	-------	----------	---------	--------

ENCLOSURE A

EP TOXICITY TEST RESULTS

NORTH MANCHESTER FOUNDRY
(Continued)

Composite of								
- Slag from furnace								
- Ladle slag								
- Slag waste								
(stainless steel)								
- Iron furnace								
refractory								
- Stainless steel								
furnace								
refractory	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02
Composite of								
- Pangborn								
separated waste								
- Wheelabrator								
separated waste	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02

NORTH MANCHESTER FOUNDRY

Parameter (mg/l)	Arsenic	Barium	Cadmium	Chromium Total	Lead	Mercury	Selenium	Silver	Copper	Iron	Manganese	Phenols
Hazardous Waste Limits	5.0	100.0	1.0	5.0	5.0	0.2	1.0	5.0	NA	NA	NA	NA
Waste												
South Dust Collector	0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
North Dust Collector	0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
Pangborn Separated Waste	0.006	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
Wheelabrator Dust Collector	0.008	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
Stainless Steel Furnace Refractory	0.003	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
Composite of All Wastes	< 0.001	< 0.2	< 0.01	0.06	< 0.1	< 0.0002	< 0.001	< 0.02	< 0.02	603	8.0	0.10
Composite of - Shell core butts - Black sand core butts - Isocure core butts and waste sand - Oil sand core butts and waste sand	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02	-	-	-	-
Composite of - Excess system sand - Floor Sweeping	< 0.001	< 0.2	< 0.01	< 0.05	< 0.1	< 0.0002	< 0.001	< 0.02				

G-2/H